

Claims

1.

- 1 A method of making a plastic container, which includes the steps of:
- 2 (a) molding an intermediate container product having a body and a moil
- 3 integral with said body, said body being of layered construction that includes at least one layer
- 4 of barrier resin material that extends part-way into but not throughout said moil,
- 5 (b) removing an upper portion of said moil, in which said barrier material is
- 6 absent, for recycling to said step (a), and
- 7 (c) removing a lower portion of said moil, in which said barrier material is
- 8 present, to form the container.

2.

- 1 The method set forth in claim 1 including the additional step of: (d) securing a lid
- 2 to said container.

3.

- 1 The method set forth in claim 2 wherein said step (c) is such that there is a radially
- 2 outwardly extending flange at an open end of said container following said step (c), and wherein
- 3 said step (d) includes double-seam crimping said lid to said flange.

4.

- 1 The method set forth in claim 1 wherein said step (b) is carried out in a laser
- 2 severing operation.

5.

1 The method set forth in claim 1 wherein said step (c) is carried out by means of
2 a cutting tool that includes a plug for receipt in an open end of said container and a cutter
3 positioned by said plug to sever said lower portion of said moil.

6.

1 The method set forth in claim 5 wherein said cutter includes shear rollers coupled
2 to said plug.

7.

1 The method set forth in claim 5 wherein said cutter is a laser cutter.

8.

1 A method of making a plastic container, which includes the steps of:

2 (a) blow molding an intermediate container product having a body and a moil
3 integral with said body, said body being of layered construction that includes at least one outer
4 layer of PET construction and at least one intermediate layer of barrier resin that extends part-
5 way into but not throughout said moil,

6 (b) removing an upper portion of said moil, in which said barrier material is
7 absent, in a laser cutting operation, and

8 (c) removing a lower portion of said moil, in which the barrier material is
9 present, to form the container, said step (c) being carried out by inserting a plug into an open end
10 of the container and severing said lower portion of said moil with a cutting tool that is positioned
11 by said plug.

9.

1 The method set forth in claim 8 wherein said cutting tool is selected from the
2 group consisting of a laser cutter and shear rollers.

10.

1 The method set forth in claim 8 including the additional step of: (d) securing a lid
2 to said container.

11.

1 The method set forth in claim 10 wherein said step (c) is such that there is a
2 radially outwardly extending flange at an open end of said container following said step (c), and
3 wherein said step (d) includes double-seam crimping said lid to said flange.

12.

1 A container made in accordance with the method set forth in claim 1.

13.

1 A container made in accordance with the method set forth in claim 3.

14.

1 A container made in accordance with the method set forth in claim 8.